

Fig. 1A
(PRIOR ART)

Y VALUES	22c	22d	20	18	12	10	14	16	22a	22b	12	14	10	16	22a
$Y(0,0)b$	$Y(0,0)a$	$Y(0,7)a$	$Y(0,7)b$	$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$							
$Y(0,7)b$	$Y(0,0)b$	$Y(0,7)a$	$Y(0,0)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$							
$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$	$Y(0,7)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(7,0)b$	$Y(7,7)b$
$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$	$Y(0,7)b$	$Y(0,0)b$	$Y(0,7)a$	$Y(0,0)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(7,0)b$	$Y(7,7)b$

CR VALUES	CR(0,0)	CR(0,7)	CR(7,0)	CR(7,7)	CB(0,0)	CB(0,7)	CB(7,0)	CB(7,7)	CB VALUES	CB(0,0)	CB(0,7)	CB(7,0)	CB(7,7)	CR VALUES	CR(0,0)
$C_R(0,0)$	$C_R(0,7)$	$C_R(7,0)$	$C_R(7,7)$	$C_R(0,0)$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$C_B VALUES$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$CR VALUES$	$CR(0,0)$
$C_R(0,7)$	$C_R(7,0)$	$C_R(7,7)$	$C_R(0,0)$	$C_R(0,0)$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$C_B VALUES$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$CR VALUES$	$CR(0,0)$
$C_R(7,0)$	$C_R(7,7)$	$C_R(0,0)$	$C_R(0,0)$	$C_R(0,0)$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$C_B VALUES$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$CR VALUES$	$CR(0,0)$
$C_R(7,7)$	$C_R(0,0)$	$C_R(0,0)$	$C_R(0,0)$	$C_R(0,0)$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$C_B VALUES$	$C_B(0,0)$	$C_B(0,7)$	$C_B(7,0)$	$C_B(7,7)$	$CR VALUES$	$CR(0,0)$

Fig. 1C
(PRIOR ART)

Y VALUES	CR(0,0)	CR(0,7)	CR(7,0)	CR(7,7)
$Y(0,0)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(0,7)a$	$Y(7,0)b$
$Y(0,7)b$	$Y(0,0)b$	$Y(0,7)a$	$Y(0,0)a$	$Y(7,0)a$
$Y(7,0)b$	$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$
$Y(7,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(0,0)a$	$Y(0,7)b$

Y VALUES	22c	22d	20	18	12	10	14	16	22a
$Y(0,0)a$	$Y(0,7)a$	$Y(0,7)b$	$Y(0,0)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(0,0)b$	
$Y(0,7)a$	$Y(0,0)a$	$Y(0,7)b$	$Y(0,0)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(0,0)b$	
$Y(7,0)a$	$Y(7,7)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(0,0)a$	$Y(0,7)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(7,0)b$	
$Y(7,7)a$	$Y(0,0)a$	$Y(0,0)b$	$Y(0,7)b$	$Y(7,0)a$	$Y(7,7)a$	$Y(7,0)b$	$Y(7,7)b$	$Y(0,0)b$	

Fig. 1D
(PRIOR ART)

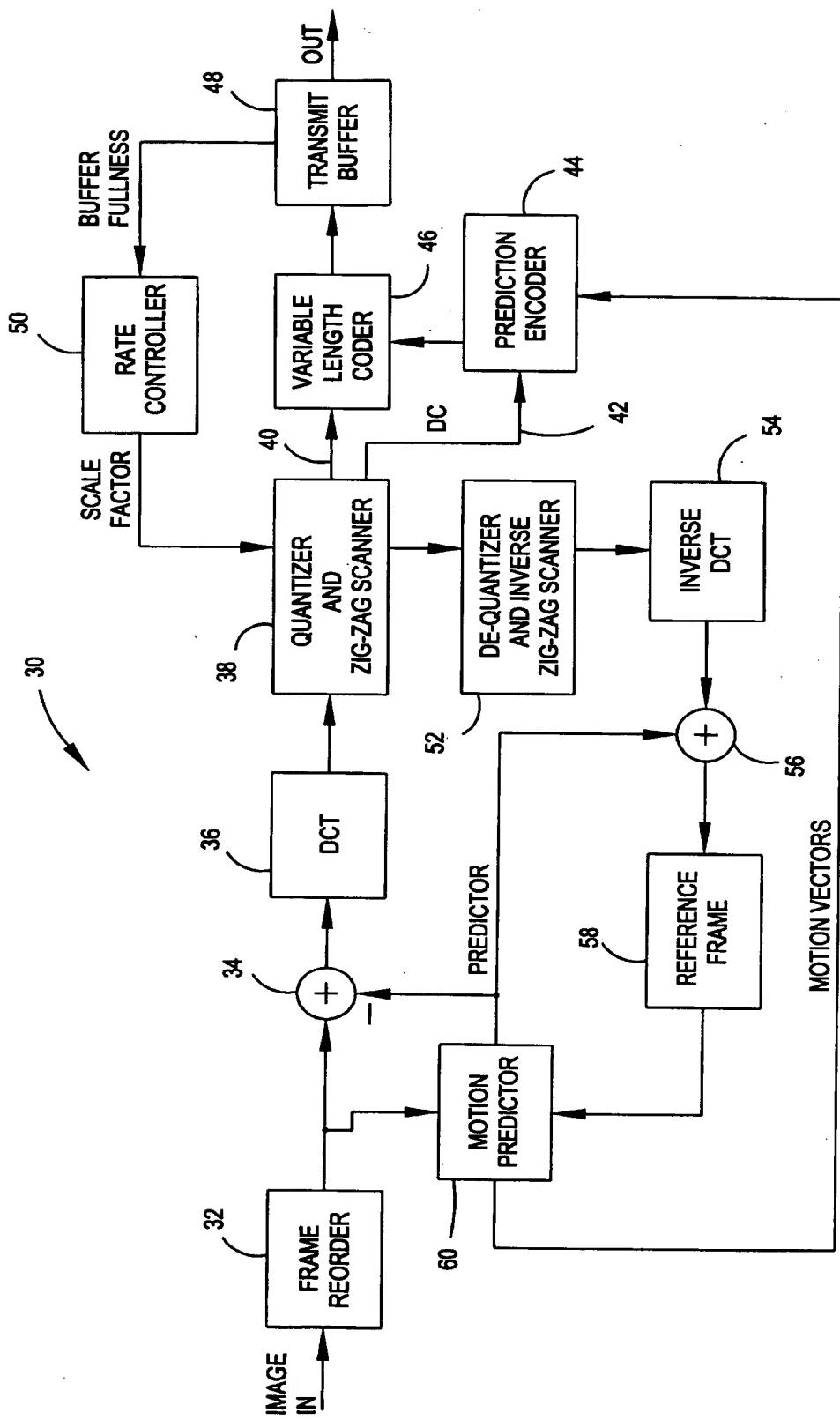


Fig. 2 (PRIOR ART)

37

D ₀₇	D ₀₆	D ₀₅	D ₀₄	D ₀₃	D ₀₂	D ₀₁	D ₀₀
D ₁₇	D ₁₆	D ₁₅	D ₁₄	D ₁₃	D ₁₂	D ₁₁	D ₁₀
.
D ₇₇	D ₇₆	D ₇₅	D ₇₄	D ₇₃	D ₇₂	D ₇₁	D ₇₀

Fig. 3 (PRIOR ART)

70

I ₀₇	I ₀₆	I ₀₅	I ₀₄	I ₀₃	I ₀₂	I ₀₁	I ₀₀
I ₁₇	I ₁₆	I ₁₅	I ₁₄	I ₁₃	I ₁₂	I ₁₁	I ₁₀
.
I ₇₇	I ₇₆	I ₇₅	I ₇₄	I ₇₃	I ₇₂	I ₇₁	I ₇₀

Fig. 6 (PRIOR ART)

09763609 06112011

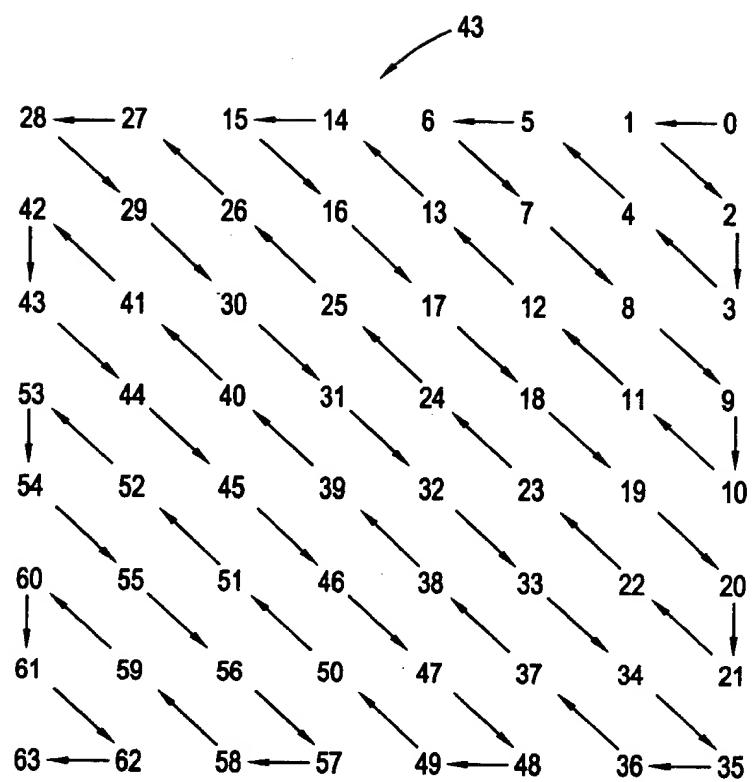


Fig. 4 (PRIOR ART)

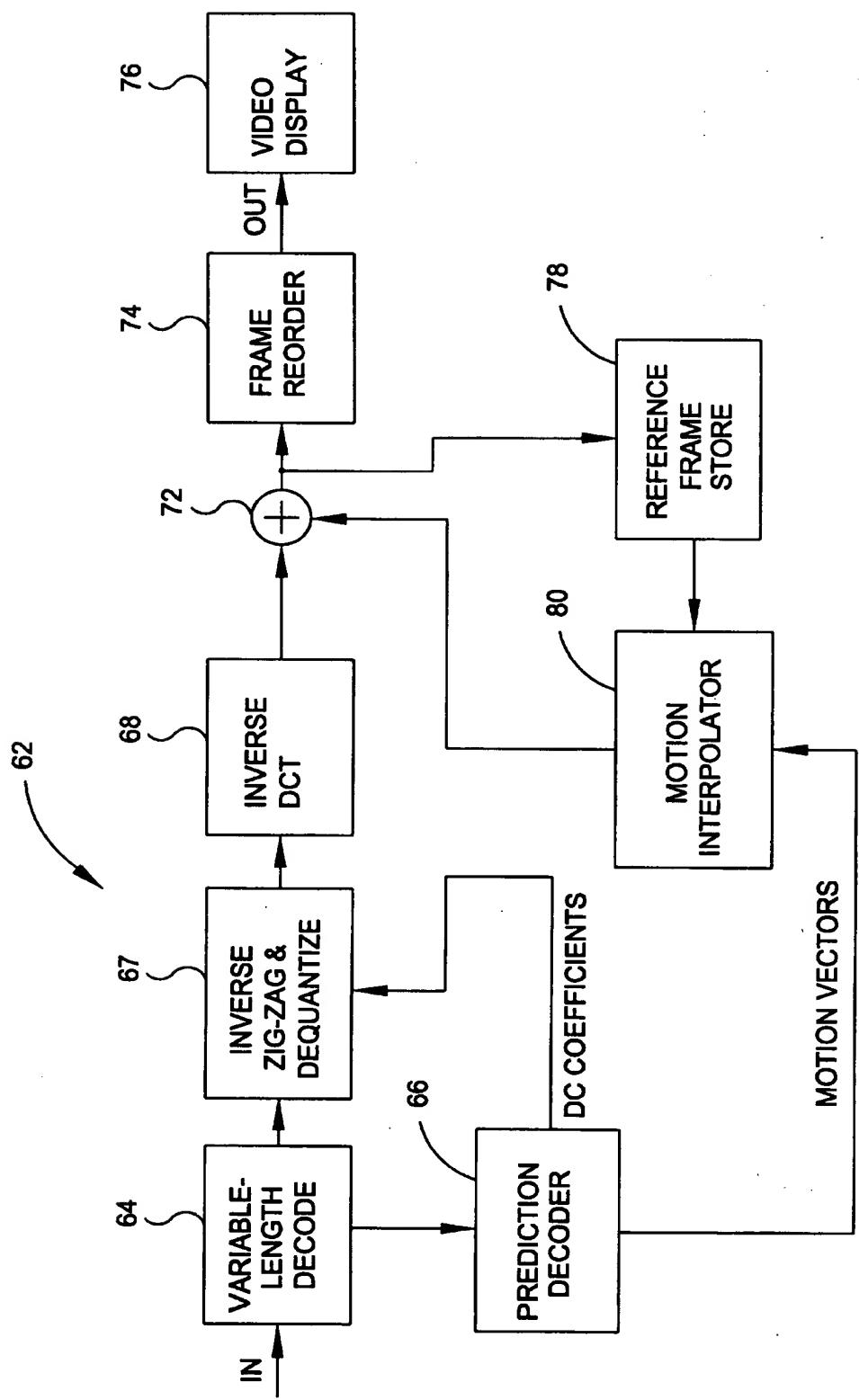


Fig. 5 (PRIOR ART)

82

I'04	I'05	I'06	I'07	I'03	I'02	I'01	I'00
I'14	I'15	I'16	I'17	I'13	I'12	I'11	I'10
.						.	
.						.	
.						.	
I'74	I'75	I'76	I'77	I'73	I'72	I'71	I'70

Fig. 7 (PRIOR ART)

84

I'07	I'06	I'05	I'04	I'03	I'02	I'01	I'00
I'17	I'16	I'15	I'14	I'13	I'12	I'11	I'10
.						.	
.						.	
.						.	
I'77	I'76	I'75	I'74	I'73	I'72	I'71	I'70

Fig. 8 (PRIOR ART)

86

I'_{70}	I'_{60}	I'_{50}	I'_{40}	I'_{30}	I'_{20}	I'_{10}	I'_{00}
I'_{71}	I'_{61}	I'_{51}	I'_{41}	I'_{31}	I'_{21}	I'_{11}	I'_{01}
.						.	
.						.	
.						.	
I'_{77}	I'_{67}	I'_{57}	I'_{47}	I'_{37}	I'_{27}	I'_{17}	I'_{07}

Fig. 9 (PRIOR ART)

88

I'_{70}	I'_{50}	I'_{30}	I'_{10}	I'_{60}	I'_{40}	I'_{20}	I'_{00}
I'_{71}	I'_{51}	I'_{31}	I'_{11}	I'_{61}	I'_{41}	I'_{21}	I'_{01}
.						.	
.						.	
.						.	
I'_{77}	I'_{57}	I'_{37}	I'_{17}	I'_{67}	I'_{47}	I'_{27}	I'_{07}

Fig. 10 (PRIOR ART)

I ₀₄	I ₀₅	I ₀₆	I ₀₇	I ₀₃	I ₀₂	I ₀₁	I ₀₀
I ₁₄	I ₁₅	I ₁₆	I ₁₇	I ₁₃	I ₁₂	I ₁₁	I ₁₀
.						.	.
.						.	.
.						.	.
I ₇₄	I ₇₅	I ₇₆	I ₇₇	I ₇₃	I ₇₂	I ₇₁	I ₇₀

Fig. 11 (PRIOR ART)

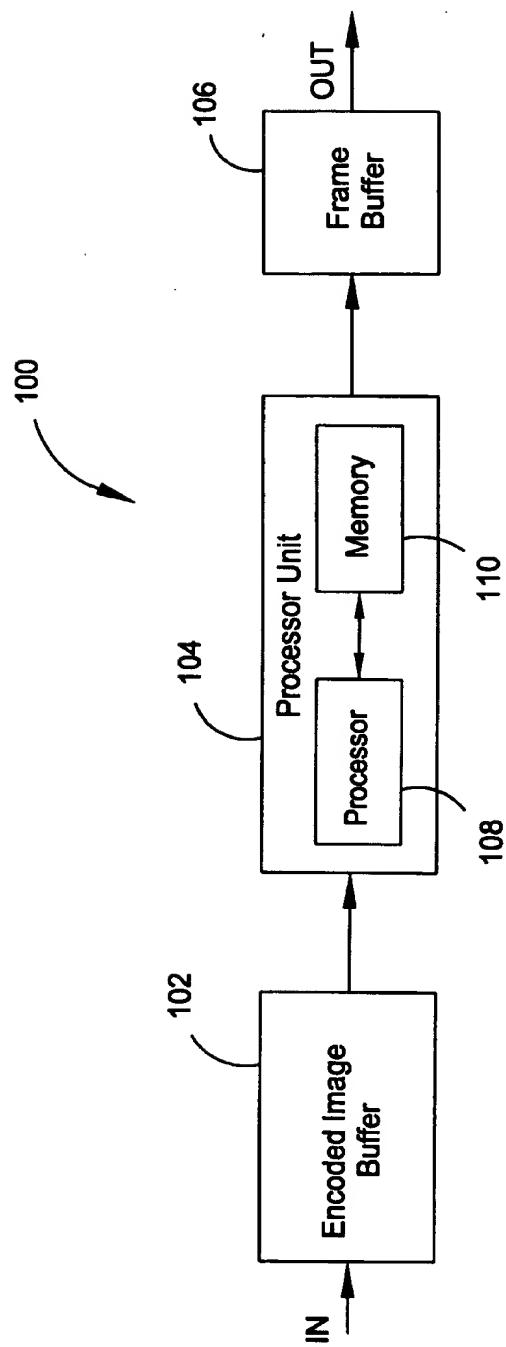


Fig. 12

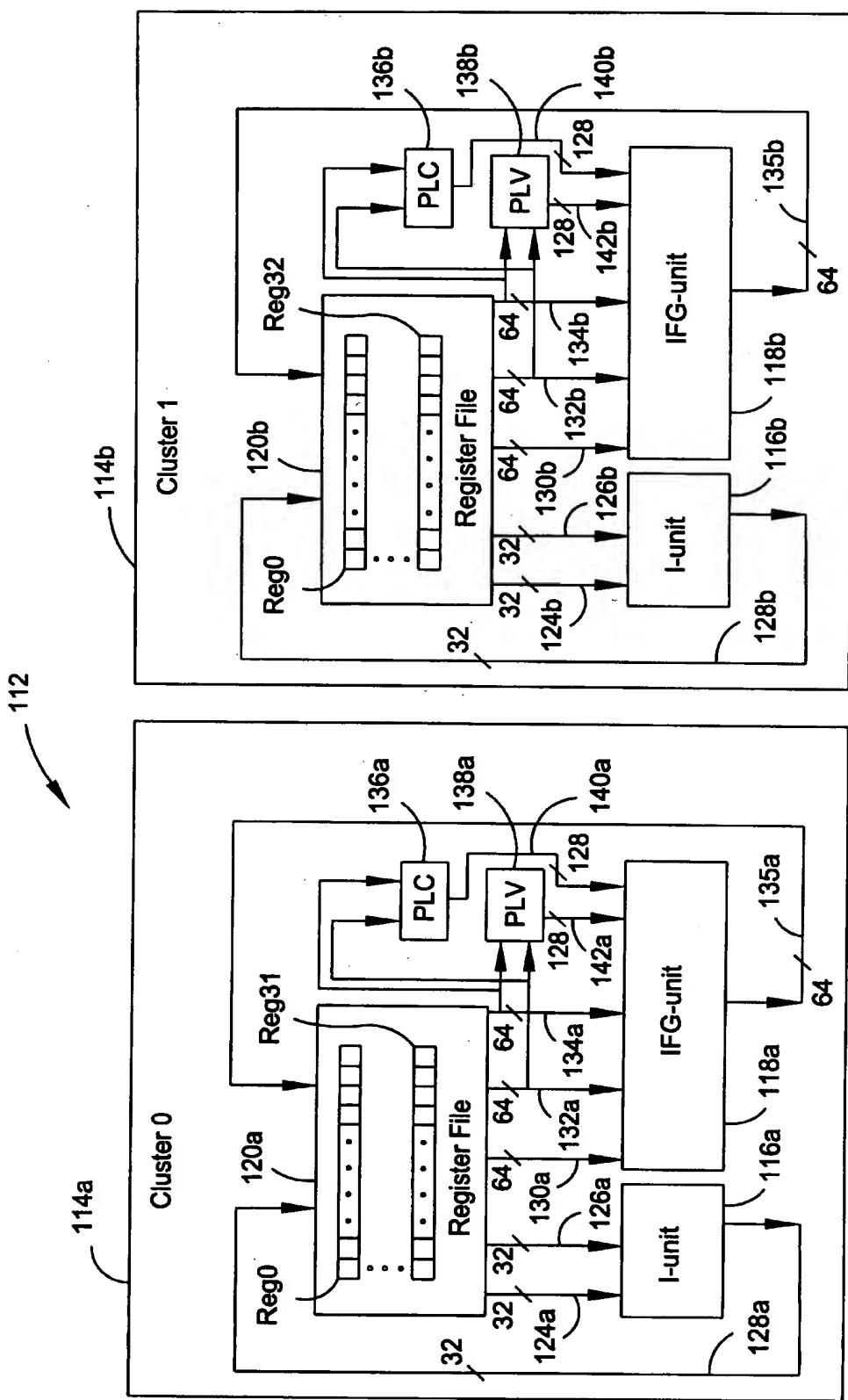


Fig. 13

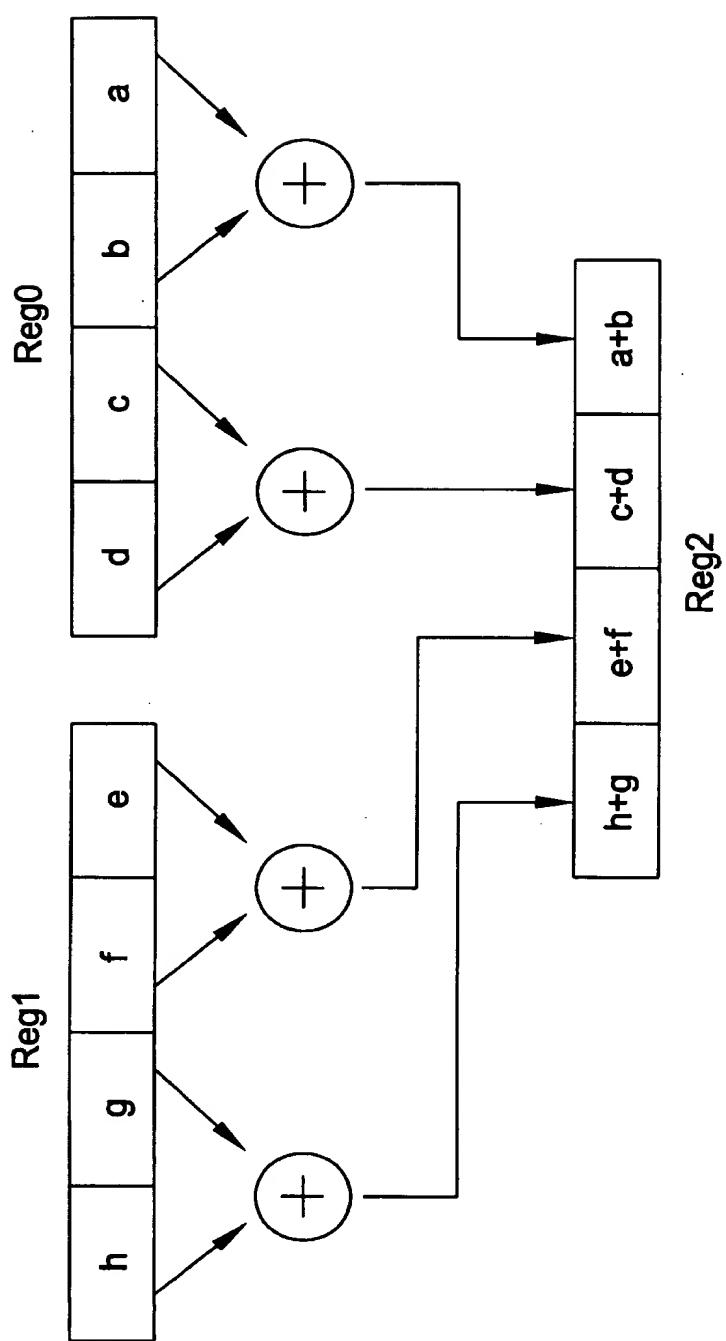


Fig. 14A

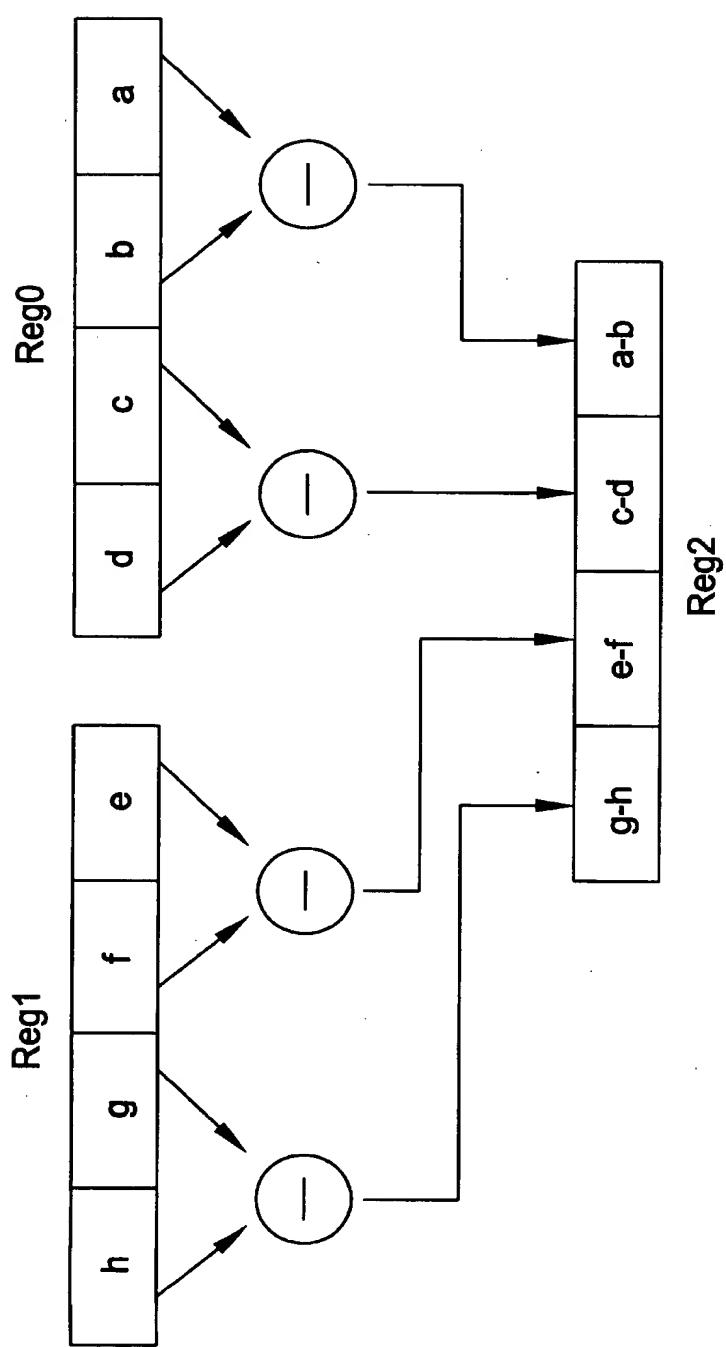


Fig. 14B

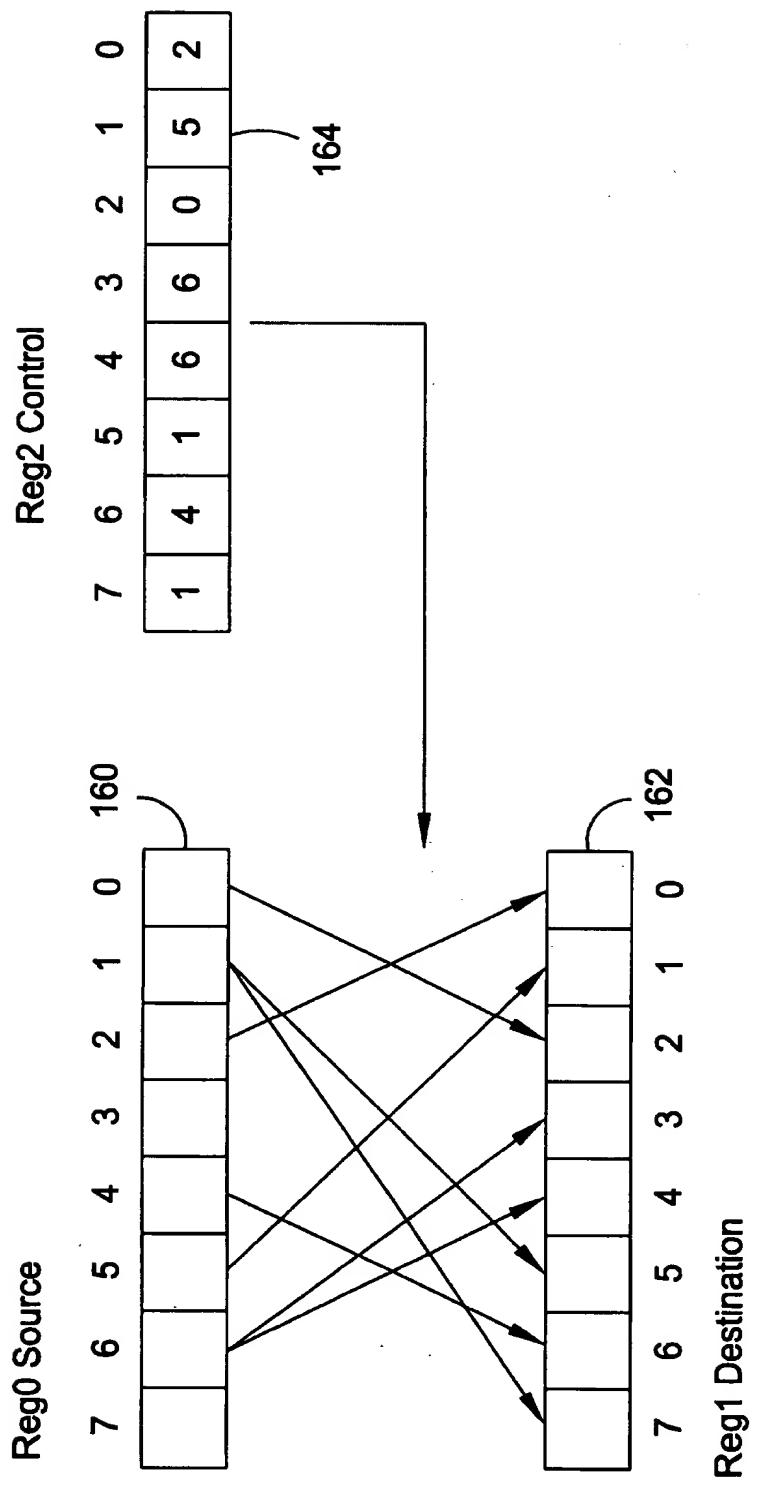


Fig. 15

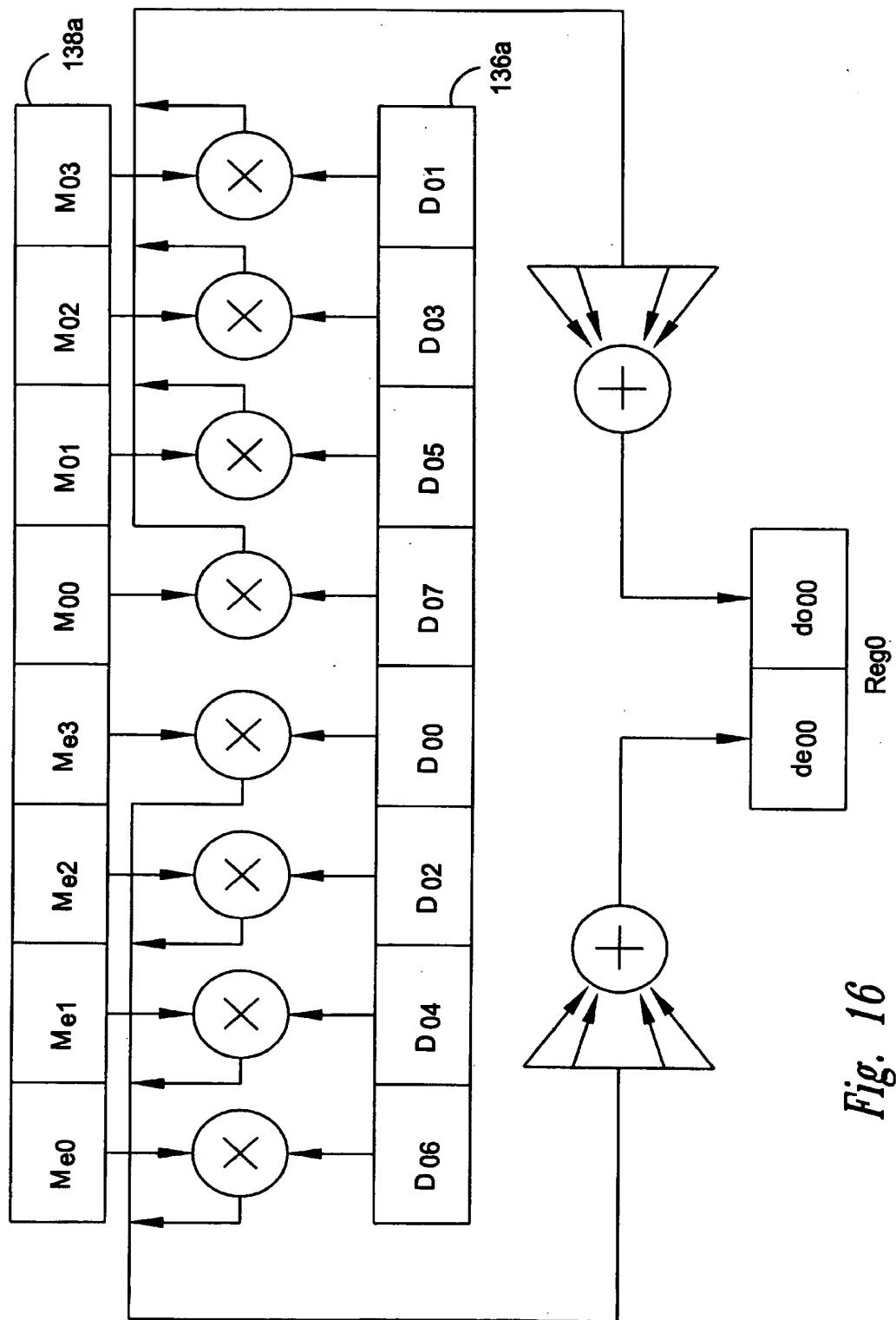


Fig. 16

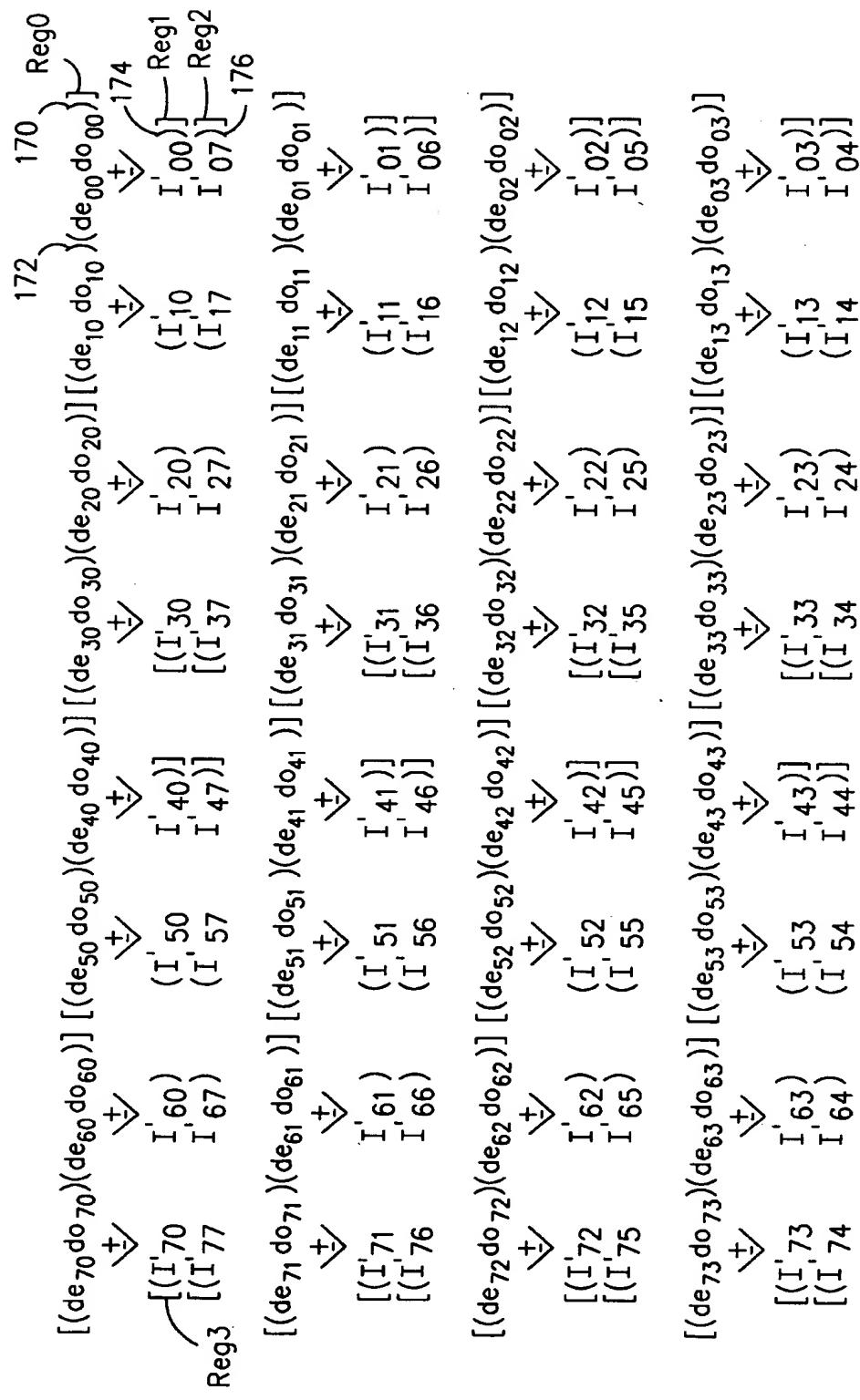


Fig. 17

